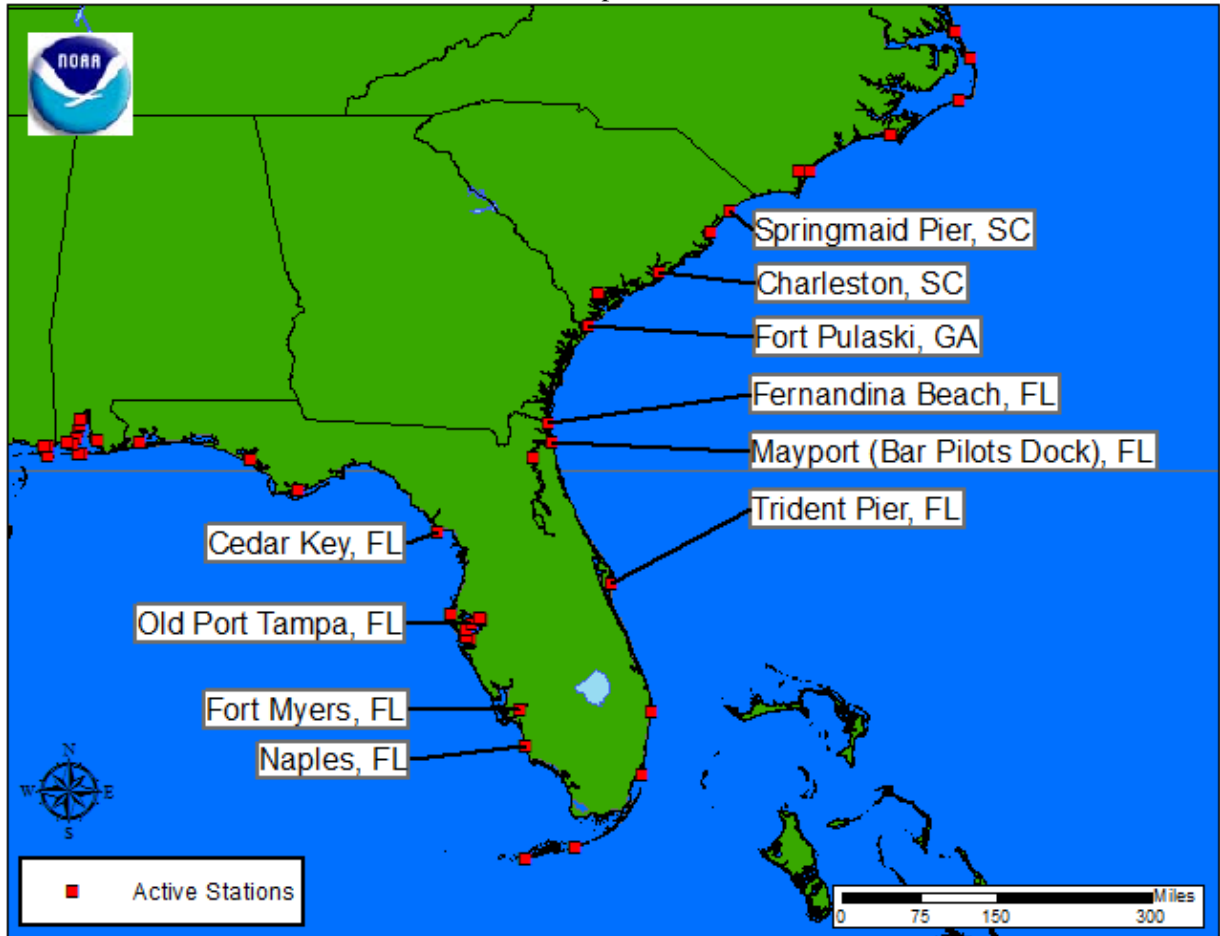




Tropical Depression DEBBY QuickLook
Posted: 12:00 EDT 06/27/2012

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

No further QuickLooks will be posted for this storm unless oceanographic conditions warrant and/or the National Hurricane Center (NHC) issues a new tropical storm or hurricane warning for the U.S. or its territories.

As of 06/27/2012 12:00 EDT, water levels along the western Florida coast are falling but remain elevated. Water levels from Cedar Key, FL to Naples, FL range from .5 to 1.5 feet above tidal predictions. Water level stations along north eastern Florida to Springmaid Pier, SC are elevated 1.5 to 2.5 ft above tidal predictions. Water levels in central Florida near Trident Pier are only .5 feet above tidal predictions.

Winds are 10 to 20 knots from East Central Florida to South Carolina. Winds are 15 to 20 knots at Mayport with gusts to 30 knots. Winds are 5 to 15 knots on Western Florida from Cedar Key south.

Barometric pressure is beginning to rise in most locations.

Tropical Depression DEBBY QuickLook, POSTED 12:00 EDT 06/27/2012

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Fernandina Beach, FL: Next predicted high tides are 6.2 ft (1.89 m) at 06/27/2012 15:34 EDT and 5.8 ft (1.78 m) at 06/28/2012 03:47 EDT.

Mayport (Bar Pilots Dock), FL: Next predicted high tides are 4.7 ft (1.44 m) at 06/27/2012 15:21 EDT and 4.3 ft (1.33 m) at 06/28/2012 03:34 EDT.

Fort Pulaski, GA: Next predicted high tides are 7.2 ft (2.20 m) at 06/27/2012 14:54 EDT and 6.9 ft (2.13 m) at 06/28/2012 03:07 EDT.

Charleston, SC: Next predicted high tides are 5.5 ft (1.68 m) at 06/27/2012 14:43 EDT and 5.2 ft (1.59 m) at 06/28/2012 02:47 EDT.

Springmaid Pier, SC: Next predicted high tides are 5.4 ft (1.65 m) at 06/27/2012 14:20 EDT and 4.9 ft (1.51 m) at 06/28/2012 02:26 EDT.

Trident Pier, FL: Next predicted high tides are 3.6 ft (1.10 m) at 06/27/2012 14:37 EDT and 3.1 ft (0.97 m) at 06/28/2012 02:43 EDT.

Cedar Key, FL: Next predicted high tides are 3.0 ft (0.91 m) at 06/27/2012 21:06 EDT and 3.9 ft (1.21 m) at 06/28/2012 09:01 EDT.

Old Port Tampa, FL: Next predicted high tides are 1.6 ft (0.50 m) at 06/27/2012 22:05 EDT and 2.5 ft (0.77 m) at 06/28/2012 09:58 EDT.

Fort Myers, FL: Next predicted high tides are 0.9 ft (0.28 m) at 06/27/2012 23:19 EDT and 1.5 ft (0.45 m) at 06/28/2012 11:24 EDT.

Naples, FL: Next predicted high tides are 2.1 ft (0.64 m) at 06/27/2012 19:45 EDT and 2.9 ft (0.89 m) at 06/28/2012 07:40 EDT.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For information on Highest Astronomical Tide (HAT), NAVD88 and other datums, please see Tidal Datums. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst:ADW

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL DEPRESSION DEBBY ADVISORY NUMBER 17
NWS NATIONAL HURRICANE CENTER MIAMI FL
1100 AM EDT WED JUN 27 2012

...DEBBY MOVING AWAY FROM FLORIDA...HEAVY RAIN THREAT DECREASING...

WATCHES AND WARNINGS

THERE ARE NO COASTAL WATCHES OR WARNINGS IN EFFECT.

DISCUSSION AND 48-HOUR OUTLOOK

AT 1100 AM EDT...1500 UTC...THE CENTER OF TROPICAL DEPRESSION DEBBY WAS LOCATED 90 MI E OF ST. AUGUSTINE FLORIDA. THE DEPRESSION IS MOVING TOWARD THE EAST NEAR 10 MPH. A TURN TOWARD THE EAST-NORTHEAST IS EXPECTED DURING THE NEXT DAY OR TWO WITH SOME INCREASE IN FORWARD SPEED. ON THE FORECAST TRACK...DEBBY SHOULD CONTINUE TO MOVE AWAY FROM FLORIDA.

MAXIMUM SUSTAINED WINDS REMAIN NEAR 35 MPH WITH HIGHER GUSTS. LITTLE CHANGE IN STRENGTH IS FORECAST DURING THE NEXT 48 HOURS.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 1001 MB.

HAZARDS AFFECTING LAND

STORM SURGE...ELEVATED WATER LEVELS IN AREAS OF ONSHORE WINDS ALONG THE SOUTHWESTERN AND NORTHEASTERN COASTS OF FLORIDA SHOULD SUBSIDE LATER TODAY. FOR INFORMATION SPECIFIC TO YOUR AREA...PLEASE SEE PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE OFFICE.

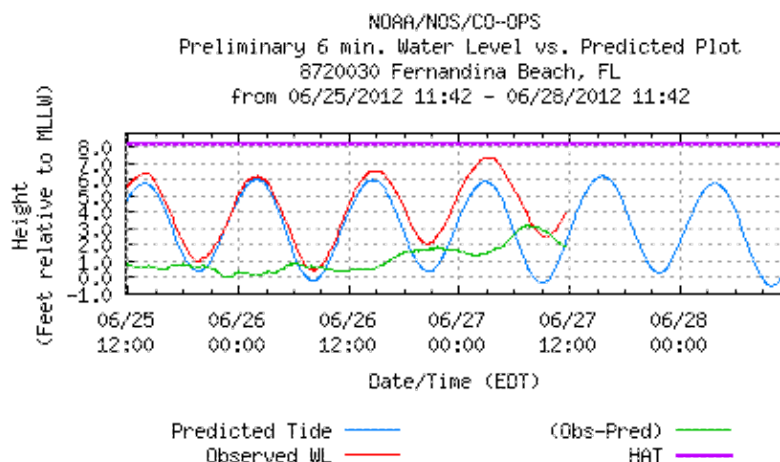
RAINFALL...RAINFALL ASSOCIATED WITH DEBBY WILL CONTINUE TO DIMINISH ACROSS THE FLORIDA PENINSULA TODAY. ADDITIONAL ISOLATED RAINFALL AMOUNTS OF UP TO ONE INCH WILL BE POSSIBLE IN SOME OF THE LINGERING RAIN BANDS...MAINLY OVER SOUTHERN FLORIDA.

FORECASTER KIMBERLAIN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Fernandina Beach - Water Level](#), [Fernandina Beach - Winds](#), [Fernandina Beach - Barometric](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Mayport \(Bar Pilots Dock\) - Winds](#), [Mayport \(Bar Pilots Dock\) - Barometric](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Barometric](#), [Fort Pulaski - Winds](#), [Charleston - Water Level](#), [Charleston - Winds](#), [Charleston - Barometric](#), [Springmaid Pier - Water Level](#), [Springmaid Pier - Winds](#), [Springmaid Pier - Barometric](#), [Trident Pier - Water Level](#), [Trident Pier - Winds](#), [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Old Port Tampa - Water Level](#), [Old Port Tampa - Winds](#), [Fort Myers - Water Level](#), [Fort Myers - Winds](#), [Naples - Water Level](#), [Naples - Winds](#),

Fernandina Beach, FL - Return to List

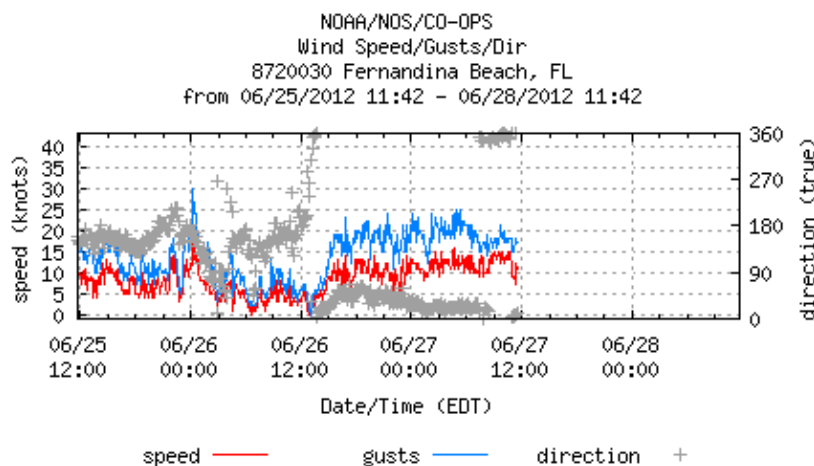


Last Observed Sample: 06/27/2012 11:30 (EDT)

Relative to MLLW: **Observed: 3.88 ft.** **Predicted: 2.02 ft.** **Residual: 1.86 ft.**

Historical Maximum Water Level: Oct 2 1898, 6.94 ft. above MHHW

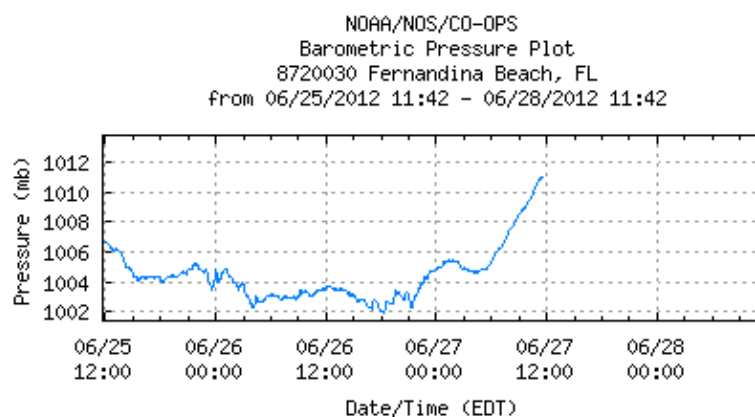
Fernandina Beach, FL - Return to List



Last Observed Sample: 06/27/2012 11:30 (EDT)

Wind Speed: 11 knots **Gusts: 17 knots** **Direction: 12° T**

Fernandina Beach, FL - Return to List

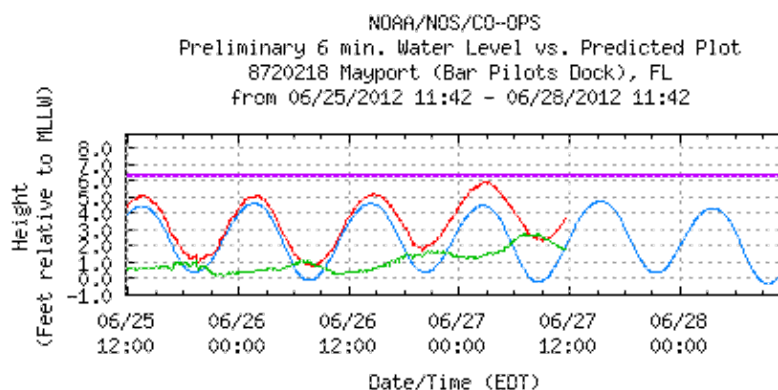


barometric pressure —

Last Observed Sample: 06/27/2012 11:30 (EDT)

Barometric Pressure: 1011.0 mb

Mayport (Bar Pilots Dock), FL - Return to List



Predicted Tide —

(Obs-Pred) —

Observed WL —

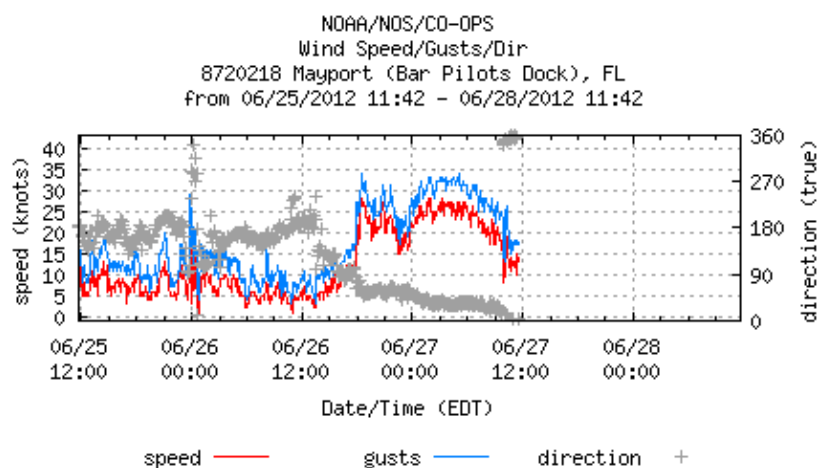
HAT —

Last Observed Sample: 06/27/2012 11:30 (EDT)

Relative to MLLW: Observed: 3.69 ft. Predicted: 1.93 ft. Residual: 1.76 ft.

Historical Maximum Water Level: Sep 27 2004, 2.47 ft. above MHHW

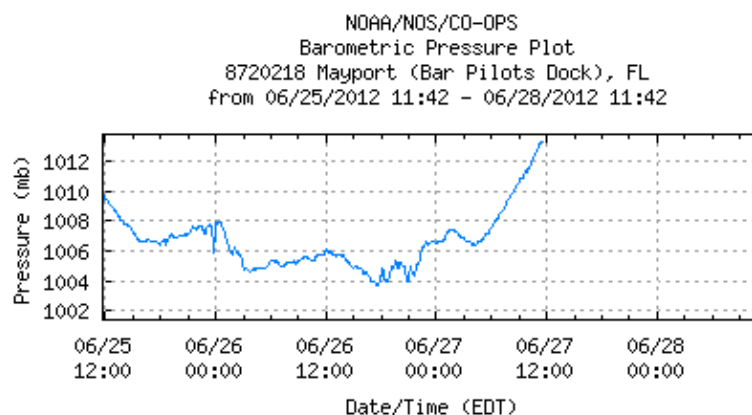
Mayport (Bar Pilots Dock), FL - Return to List



Last Observed Sample: 06/27/2012 11:30 (EDT)

Wind Speed: 13 knots Gusts: 17 knots Direction: 2° T

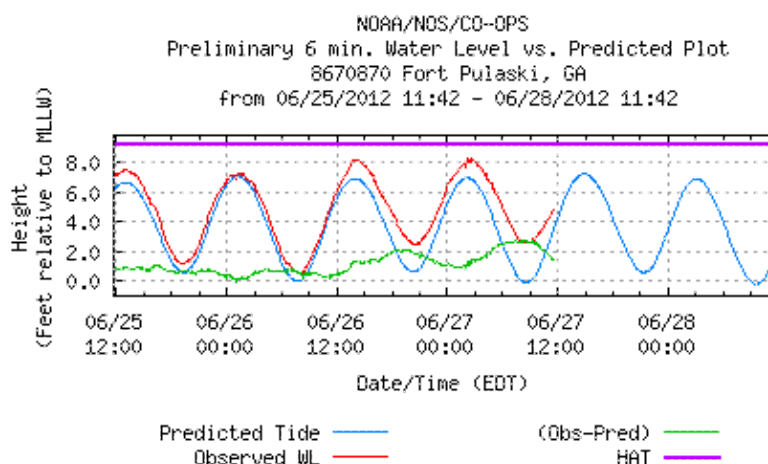
Mayport (Bar Pilots Dock), FL - Return to List



Last Observed Sample: 06/27/2012 11:30 (EDT)

Barometric Pressure: 1013.3 mb

[Fort Pulaski, GA - Return to List](#)

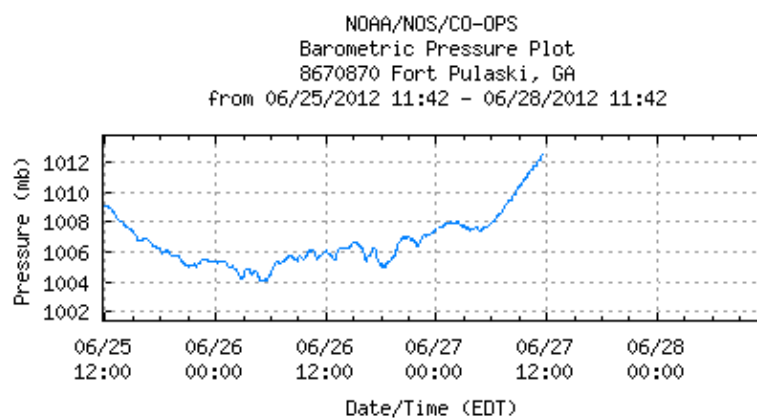


Last Observed Sample: 06/27/2012 11:30 (EDT)

Relative to MLLW: **Observed: 4.80 ft. Predicted: 3.35 ft. Residual: 1.45 ft.**

Historical Maximum Water Level: Oct 15 1947, 3.4 ft. above MHHW

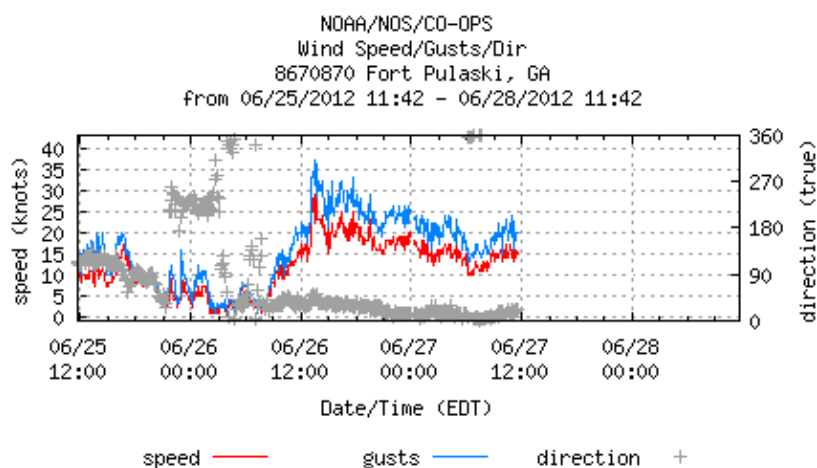
[Fort Pulaski, GA - Return to List](#)



Last Observed Sample: 06/27/2012 11:30 (EDT)

Barometric Pressure: 1012.5 mb

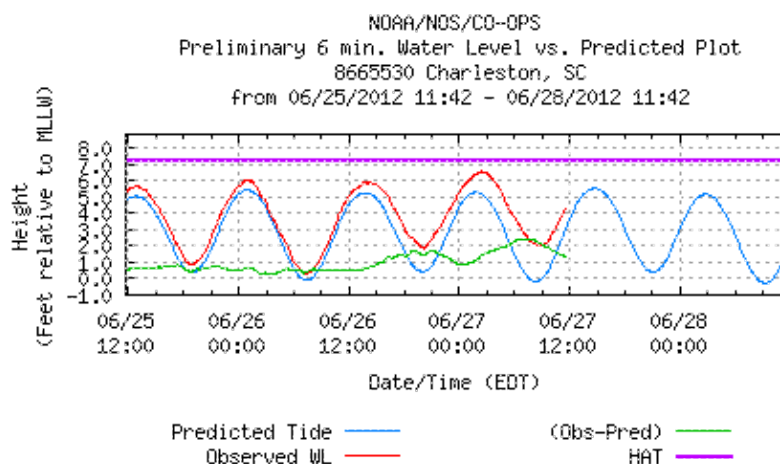
Fort Pulaski, GA - Return to List



Last Observed Sample: 06/27/2012 11:30 (EDT)

Wind Speed: 15 knots Gusts: 20 knots Direction: 22° T

Charleston, SC - Return to List

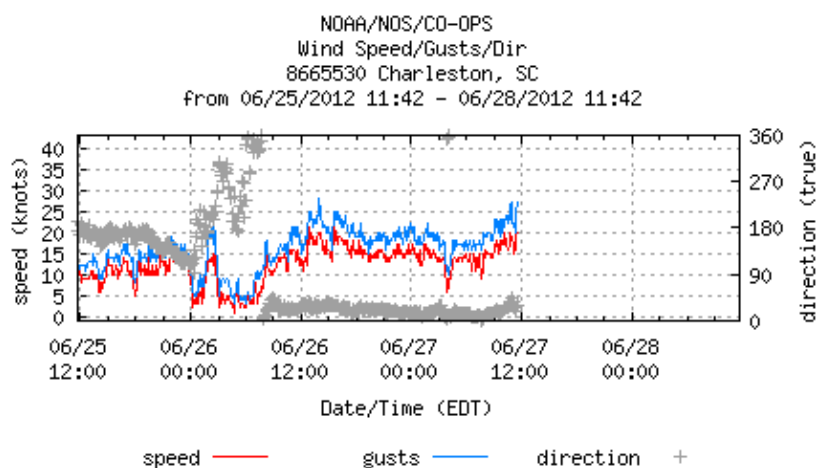


Last Observed Sample: 06/27/2012 11:30 (EDT)

Relative to MLLW: Observed: 4.25 ft. Predicted: 2.93 ft. Residual: 1.32 ft.

Historical Maximum Water Level: Sep 21 1989, 6.76 ft. above MHHW

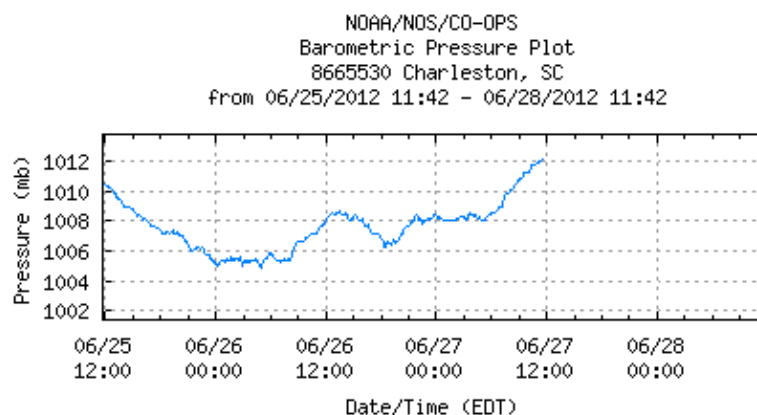
[Charleston, SC - Return to List](#)



Last Observed Sample: 06/27/2012 11:30 (EDT)

Wind Speed: 20 knots Gusts: 27 knots Direction: 29° T

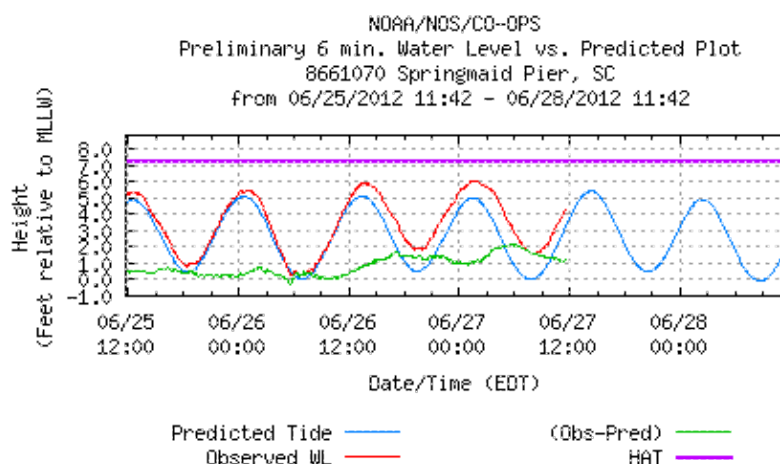
[Charleston, SC - Return to List](#)



Last Observed Sample: 06/27/2012 11:30 (EDT)

Barometric Pressure: 1012.1 mb

[Springmaid Pier, SC - Return to List](#)

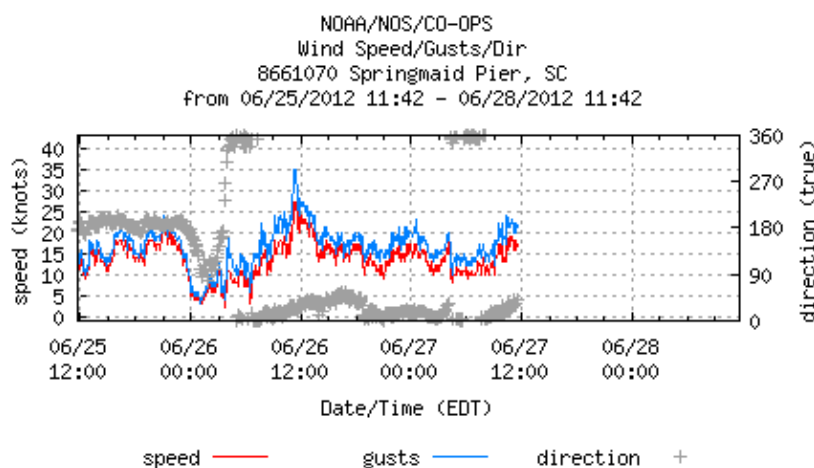


Last Observed Sample: 06/27/2012 11:30 (EDT)

Relative to MLLW: **Observed: 4.30 ft.** **Predicted: 3.15 ft.** **Residual: 1.15 ft.**

Historical Maximum Water Level: Jan 1 1987, 3.65 ft. above MHHW

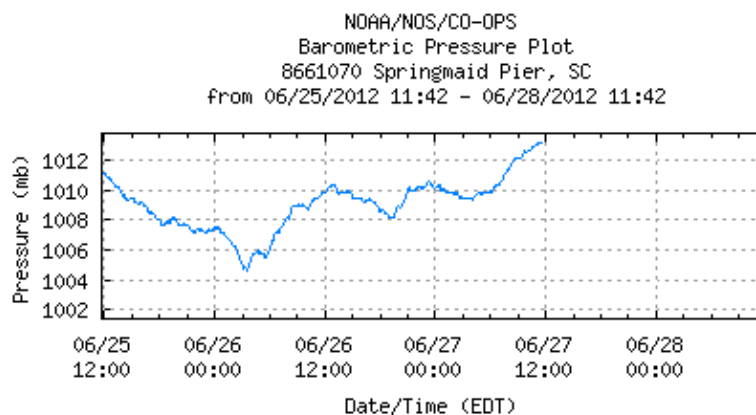
[Springmaid Pier, SC - Return to List](#)



Last Observed Sample: 06/27/2012 11:30 (EDT)

Wind Speed: 17 knots **Gusts: 21 knots** **Direction: 39° T**

Springmaid Pier, SC - Return to List

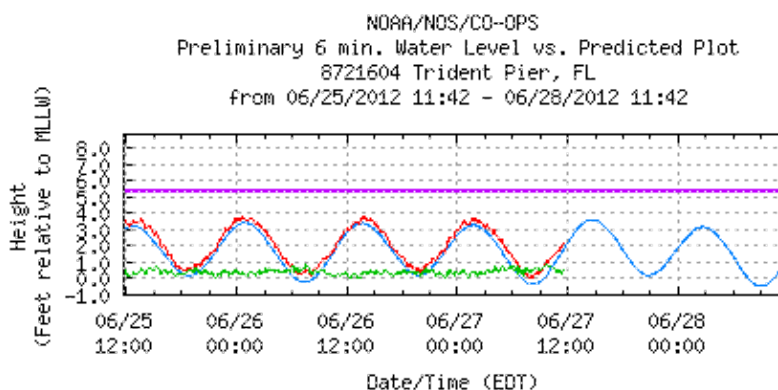


barometric pressure —

Last Observed Sample: 06/27/2012 11:30 (EDT)

Barometric Pressure: 1013.2 mb

Trident Pier, FL - Return to List



Predicted Tide —

Observed WL —

(Obs-Pred) —

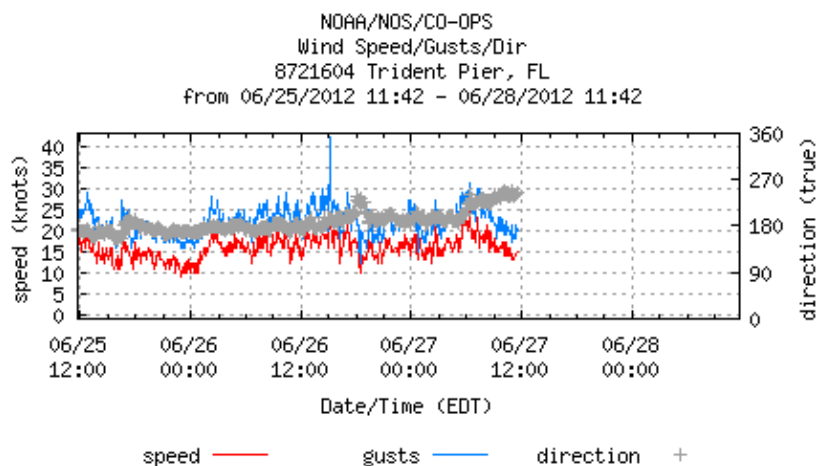
HAT —

Last Observed Sample: 06/27/2012 11:30 (EDT)

Relative to MLLW: **Observed: 2.19 ft.** **Predicted: 1.72 ft.** **Residual: 0.47 ft.**

Historical Maximum Water Level: Sep 26 2004, 4.01 ft. above MHHW

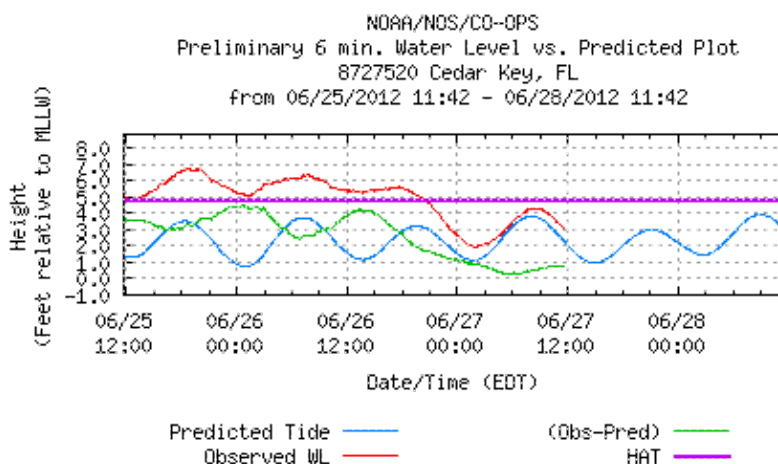
Trident Pier, FL - Return to List



Last Observed Sample: 06/27/2012 11:30 (EDT)

Wind Speed: 15 knots Gusts: 20 knots Direction: 246° T

Cedar Key, FL - Return to List

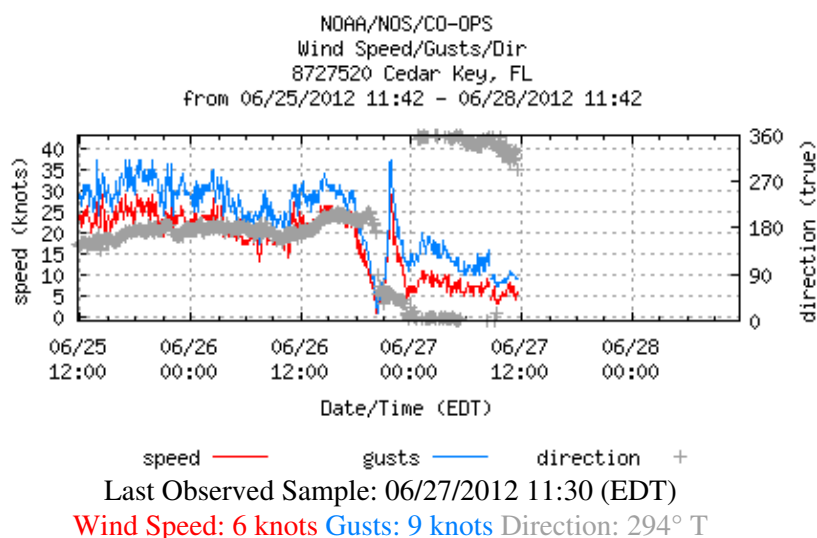


Last Observed Sample: 06/27/2012 11:30 (EDT)

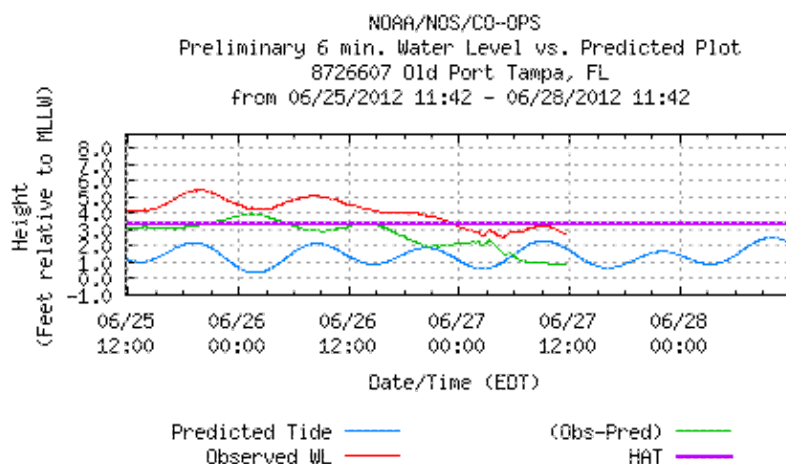
Relative to MLLW: Observed: 3.08 ft. Predicted: 2.33 ft. Residual: 0.75 ft.

Historical Maximum Water Level: Oct 7 1996, 5.15 ft. above MHHW

Cedar Key, FL - Return to List

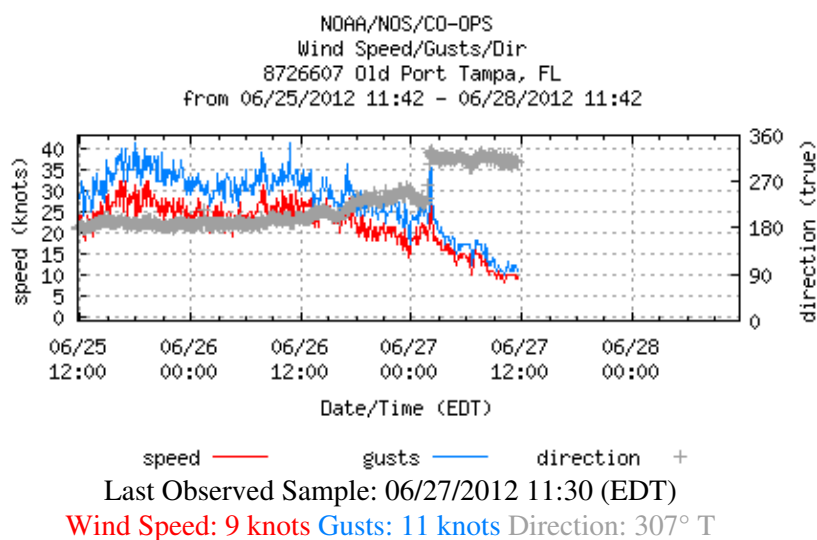


Old Port Tampa, FL - Return to List

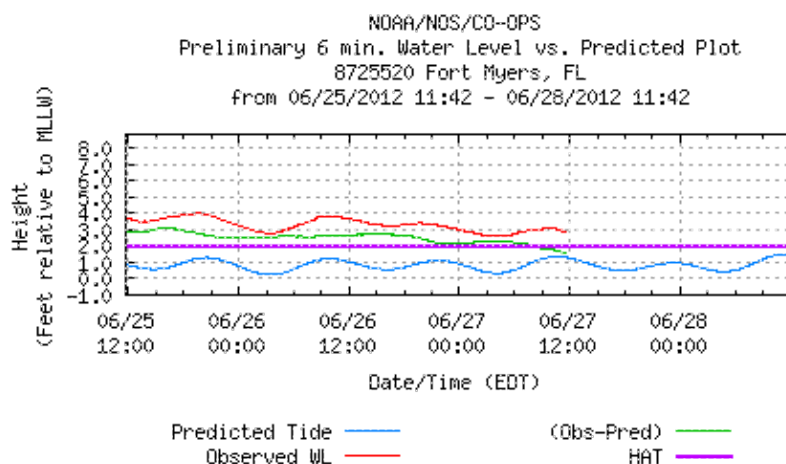


Last Observed Sample: 06/27/2012 11:30 (EDT)
Relative to MLLW: Observed: 2.68 ft. Predicted: 1.86 ft. Residual: 0.82 ft.
Historical Maximum Water Level: Oct 8 1996, 3.6 ft. above MHHW

Old Port Tampa, FL - Return to List

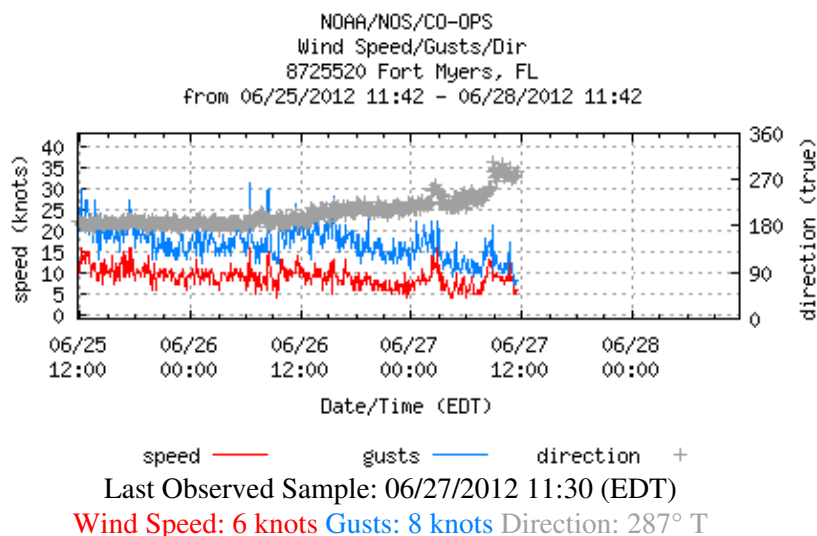


Fort Myers, FL - Return to List

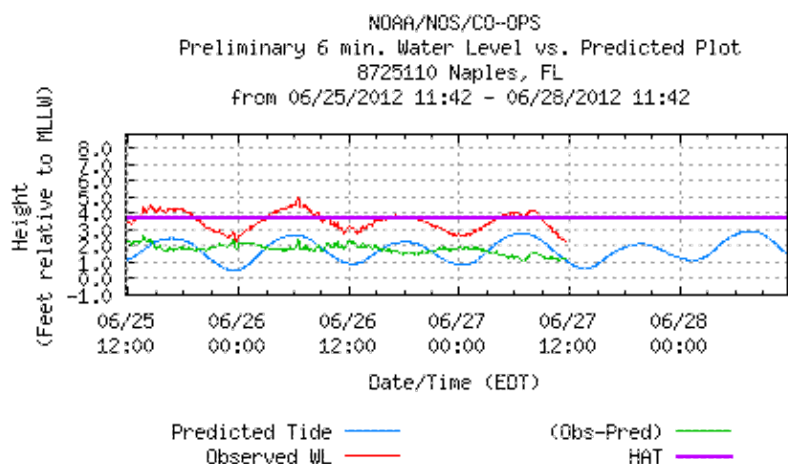


Last Observed Sample: 06/27/2012 11:30 (EDT)
Relative to MLLW: Observed: 2.82 ft. Predicted: 1.28 ft. Residual: 1.54 ft.
Historical Maximum Water Level: Nov 23 1988, 3.41 ft. above MHHW

[Fort Myers, FL - Return to List](#)

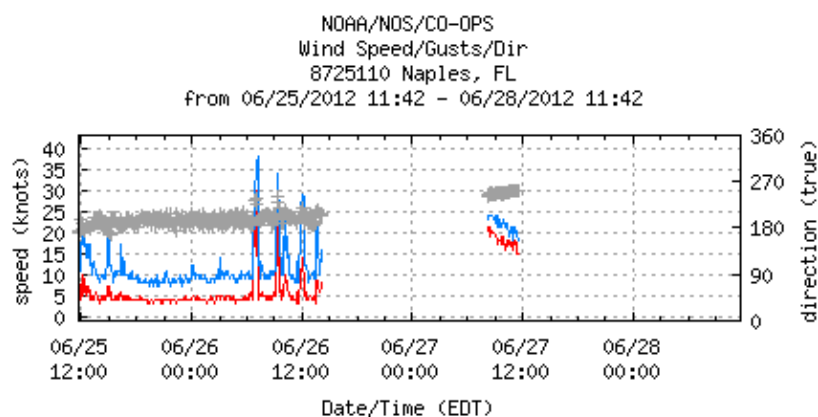


[Naples, FL - Return to List](#)



Last Observed Sample: 06/27/2012 11:30 (EDT)
Relative to MLLW: Observed: 2.30 ft. Predicted: 1.12 ft. Residual: 1.18 ft.
Historical Maximum Water Level: Dec 21 1972, 3.11 ft. above MHHW

Naples, FL - [Return to List](#)



speed — gusts — direction +

Last Observed Sample: 06/27/2012 11:30 (EDT)

Wind Speed: 15 knots Gusts: 18 knots Direction: 253° T

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce